

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number	10/050,532
Filing Date	January 18, 2002
First Named Inventor	Michael J. GRAZIANO et al
Group Art Unit	2637
Examiner Name	Unassigned
Attorney Docket Number	56162.000353

Sheet 1 of 1

RECEIVED
JUN 05 2002

Technology Center 2600

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
7	U1	5,363,321		Dao Trong et al.	11/08/94	
	U2	5,524,089		Takano	06/04/96	
	U3	5,570,310		Smith	10/29/96	
	U4	5,600,581		Dworkin et al.	02/04/97	
	U5	5,604,691		Dworkin et al.	02/18/97	
	U6	5,642,305		Pan et al.	06/24/97	
	U7	5,703,801		Pan et al.	12/30/97	
	U8	5,909,384		Tal et al.	06/01/99	
	U9	5,940,312		Hansen	08/17/99	
	U10	5,941,939		Pan et al.	08/24/99	
	U11					

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
7	P1	Haykin, Simon, <i>Communication Systems 4th Edition</i> , Wiley, 2001, page 436	
	P2	Brigham, E. Oran, <i>The Fast Fourier Transform and its Applications</i> , Prentice Hall, 1988, pgs 191-193	
	P3	Embree, Paul M. and Kimbel, Bruce, <i>C Language Algorithms for Digital Signal Processing</i> , Prentice Hall, 1991, pgs 255-256 and 266 and 267	
	P4	Haykin, Simon, <i>Adaptive Filter Theory 3rd Edition</i> , Prentice Hall, 1998, pgs 393-404	
	P5	Proakis, John G., Manolakis, Dimitris G., <i>Digital Signal Processing: Principles, Algorithms and Applications 3rd Edition</i> , Prentice Hall, 1996, pgs 23-28	
	P6	ITU Standard G.991.2, "Single Pair High Speed Digital Subscriber Line (SHDSL) Transceivers", April 2001, pgs 1-191, Irvine, California	
	P7	ITU Standard G.994.1, "Handshake Procedures for Digital Subscriber Line (DSL) Transceivers", June 1999, pgs 1-46, Geneva	
7	P8	ANSI Standard HDLSL2, "High Bit Rate Digital Subscriber Line-2 nd Generation (HDLSL2)", February 21-25, 2000, pgs 1-94, Maui, HI	

Examiner
Signature

Young S

Date
Considered

3/14/05

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.